

DOCKET NO.: CML01501JC

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Number of Pages (including this page)

Date: 5/19/05

To: Commissioner for Patents

Location: United States Patent and Trademark Office

Fax No.: (703) 872-9306

From: Randall S. Vaas

Registration No. 34,479

Subject: **Serial No. 10/743,227**

Docket No. CML01501JC

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**MESSAGE:**

Enclosed herewith, please find:

- ☒ Information Disclosure Statement
- ☒ PTO Form SB/08
- ☒ Transmittal Form
- ☒ Fee Transmittal Form
- ☒ PCT Search Report

**PLEASE GIVE THESE PAPERS TO:**

EXAMINER:  
GROUP ART UNIT: 2631  
SERIAL NO.: 10/743,227  
FILED: 12/22/2003  
INVENTOR: Akita, Hidenori

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DOCKET NO.: CML01501JC

**TRANSMITTAL  
FORM**

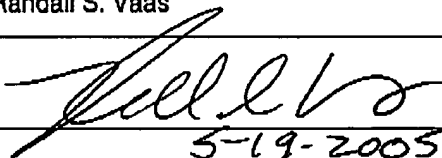
<b>TRANSMITTAL FORM</b>	Application Number	10/743,227	
	Filing Date	12/22/2003	
	First Named Inventor	Akita, Hidenori	
	Group Art Unit	2631	
	Examiner Name		
Total Number of Pages in this Submission	8	Attorney Docket Number	CML01501JC

**ENCLOSURES**

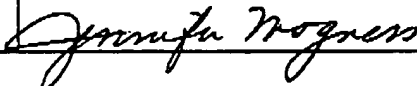
(check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-Related papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CDs	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter with appropriate copies <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below) <input checked="" type="checkbox"/> PTO/SB/08A <input checked="" type="checkbox"/> PCT Search Report
Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual	Randall S. Vaas	Registration No.	34,479
Signature			
Date	5-19-2005		

**CERTIFICATE OF TRANSMITTAL/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO to facsimile number (703) 872-9306 or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date listed below:	
Typed or printed name	Jennifer Magness
Signature	
Date	5/19/05

DOCKET NO.: CML01501JC

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Akita, Hidenori  
Application No.: 10/743,227  
Date Filed: 12/22/2003  
Title: Method and Apparatus for Estimating a SIR of a Pilot Channel in a MC-CDMA System

Group Art Unit: 2631  
Examiner:

## INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner For Patents  
Alexandria, VA 22313

SIR:

In accordance with 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §§1.97 and 1.98, the references listed on attached Form PTO/SB/08 and/or subsequently identified herein, are for consideration by the United States Patent and Trademark Office. Pursuant to the Office waiving the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC §371 after June 30, 2003, copies of the reference are not submitted herewith.

I. ☐ THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(b)-(d): (check only one box)

- a. ☐ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); within three months of the date of entry of the national stage as set forth in § 1.491 in an international application; before the mailing date of a first Office Action on the merits; and/or before the mailing date of a first Office Action after the filing of a request for continued examination under § 1.114. No fee or statement is required.
- b. ☐ before the mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application. Petition fee set forth in §1.17(p) is required unless a statement under 37 C.F.R. §1.97(e) is provided.
- c. ☐ on or before payment of the issue fee. Petition fee set forth in §1.17(p) and a statement under 37 C.F.R. §1.97(e) are required.

II. ☒ STATEMENT UNDER 37 C.F.R. §1.97(e) (check only one box, if applicable)

The undersigned hereby states that

- a. ☒ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of IDS; or
- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and to knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement, or
- c. ☐ some of the items of information contained in the IDS were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.

DOCKET NO.: CML01501JC

III. PAYMENT OF FEES

- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the above-identified fee(s).  
☐ Please charge Deposit Account 502117 in the amount of \$ \_\_\_\_\_ for the above-indicated fee(s).  
☒ If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account 502117.  
☒ Two Copies of this paper are attached for Deposit Account charges and debits.

The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art.

Respectfully submitted,  
Akita, Hidenori



Randall S. Vaas  
Attorney for Applicant(s)  
Reg. No. 34,479  
Tel. 847-523-2327

MOTOROLA, INC.  
Customer Number 20280

Enclosures: ☒ Information Disclosure  
Statement by Applicant  
☐ References  
☒ Foreign Search Report  
☐ Other:

DOCKET NO.: CML01501JC

PTO/SB/08A (04-03)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Complete If Known Application Number 10/743,227 Filing Date 12/22/2003 First Named Inventor Aloia, Hidenori Group Art Unit 2631 Examiner Name Attorney Docket Number CML01501JC	
Sheet	1	of	1

[illegible][illegible]

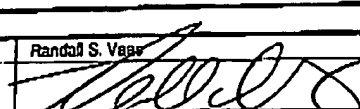
Examiner Signature	Date Considered	Including copy of this form with
-----------------------	--------------------	----------------------------------

Signature	Considered
EXAMINER: Initial (I reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant.	

<sup>1</sup> Unique citation designation number. <sup>2</sup> See Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.*

DOCKET NO.: CML01501JC

<b>FEE TRANSMITTAL</b> Patent fees are subject to annual revision					<b>Complete if Known</b>																																																								
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27					Application Number		10/743,227																																																						
					Filing Date		12/22/2003																																																						
					First Named Inventor		Akita, Hidenori																																																						
					Examiner Name																																																								
					Group Art Unit		2631																																																						
TOTAL AMOUNT OF PAYMENT					(\$)		0.00																																																						
<b>METHOD OF PAYMENT (check all that apply)</b>					<b>FEE CALCULATION (continued)</b>																																																								
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None					<b>4. ADDITIONAL FEES</b>																																																								
<input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: <b>502117</b> Deposit Account Name: <b>Motorola, Inc.</b>  The Director is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.18 and 1.17 <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.					<b>FEE CALCULATION</b>																																																								
					<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>																																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Application Type</th> <th colspan="2">FILING FEES</th> <th colspan="2">SEARCH FEES</th> <th colspan="2">EXAMINATION FEES</th> <th rowspan="2">Fee Paid (\$)</th> </tr> <tr> <th>Large Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Large Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Large Fee (\$)</th> <th>Small Entity Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>Utility</td> <td>300</td> <td>150</td> <td>500</td> <td>250</td> <td>200</td> <td>100</td> <td></td> </tr> <tr> <td>Design</td> <td>200</td> <td>100</td> <td>100</td> <td>50</td> <td>130</td> <td>65</td> <td></td> </tr> <tr> <td>Plant</td> <td>200</td> <td>100</td> <td>300</td> <td>150</td> <td>180</td> <td>80</td> <td></td> </tr> <tr> <td>Reissue</td> <td>300</td> <td>150</td> <td>500</td> <td>250</td> <td>600</td> <td>300</td> <td></td> </tr> <tr> <td>Provisional</td> <td>200</td> <td>100</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> </tr> </tbody> </table>					Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fee Paid (\$)	Large Fee (\$)	Small Entity Fee (\$)	Large Fee (\$)	Small Entity Fee (\$)	Large Fee (\$)	Small Entity Fee (\$)	Utility	300	150	500	250	200	100		Design	200	100	100	50	130	65		Plant	200	100	300	150	180	80		Reissue	300	150	500	250	600	300		Provisional	200	100	0	0	0	0		<b>2. EXTRA CLAIM FEES</b>		
Application Type	FILING FEES		SEARCH FEES			EXAMINATION FEES		Fee Paid (\$)																																																					
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Design	200	100	100	50	130	65																																																							
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Reissue	300	150	500	250	600	300																																																							
Provisional	200	100	0	0	0	0																																																							
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent Multiple Dependent Claims					<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Fee (\$)</th> <th>Small Entity Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>50</td> <td>25</td> </tr> <tr> <td>200</td> <td>100</td> </tr> <tr> <td>350</td> <td>180</td> </tr> </tbody> </table>			Fee (\$)	Small Entity Fee (\$)	50	25	200	100	350	180																																														
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Total Claims: <input type="text"/> Extra Claims: <input type="text"/> Fee (\$): <input type="text"/> Fee Paid (\$): <input type="text"/> - 20 or HP = <input type="text"/> x 50 = <input type="text"/> HP = highest number of total claims paid for, if greater than 3 Multiple Dependent Claims: <input type="text"/> Fee (\$): <input type="text"/> Fee Paid (\$): <input type="text"/> - 3 or HP = <input type="text"/> x 200 = <input type="text"/>					<b>3. APPLICATION SIZE FEE</b>																																																								
If the specification and drawings exceed 100 sheets of paper, the application size fee is \$250 (\$125 for small entity) For each additional 50 sheets or fraction thereof See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.18(e). Total Sheets: <input type="text"/> Extra Sheets: <input type="text"/> Number of each additional 50 or fraction thereof: <input type="text"/> Fee (\$): <input type="text"/> Fee Paid (\$): <input type="text"/> 100 = <input type="text"/> / 50 = <input type="text"/> (round up to a whole number) x 250 = <input type="text"/>					<b>5. OTHER FEE(S) (specify)</b>																																																								
<b>SUBMITTED BY</b> Name (Print/Type): <b>Randall S. Vase</b> Signature: 					Non-English Specification, \$130 fee (no small entity discount) Fee Paid (\$): <input type="text"/>																																																								
					Registration No. <b>34,479</b> Telephone <b>847-523-2327</b> Date <b>5-19-2005</b>																																																								